

CONTINUED EXECUTION OF ACCESSOR COMMANDS ON A RESTRICTED MULTIPLE ACCESSOR PATH OF AN AUTOMATED DATA STORAGE LIBRARY

ABSTRACT

In an automated data storage library having a plurality of accessors which access portable
5 data storage media with respect to storage shelves and data storage drive(s) along a path, a
controller, in response to detection of restricted movement of an accessor at a position along the
path, determines a range of motion of another accessor along the path which avoids interfering
with the accessor having the restricted movement. The controller also determines a limit to
commands of a work queue of commands for operating the accessors, the limit extending from
10 and past the position of the accessor having the restricted movement, along the path; and
prevents execution of the limited commands. The limited commands may be failed with a
“hardware” error.